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CENTRAL FAX CENTER

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

OCT 16 2006

Application No.	Filing Date	First Named Inventor	Atty. Docket No.	Confirmation No.
10/505,345	05/16/2005	Jean Blondeau	GRUNP37	5912
Invention			Examiner	Art Unit
Thermally Compensated Test Piece for Coordinate Measuring Machines			Bennett, George B.	2859

AMENDMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In response to the Examiner's Action mailed July 20, 2006, please amend the application as follows:

Amendments to the Written Description begin on page 2 of this paper.

Amendments to the Claims are reflected in the listing of claims that begins on page 3 of this paper.

Remarks/Arguments begin on page 7 of this paper.

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Amendment dated October 16, 2006
Reply to Office action dated July 20, 2006

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Amendments to the Written Description

Please amend the written description as follows:

Please replace the paragraph beginning on page 2, at line 33 with the following paragraph:

--This problem is solved by a test piece ~~according to claim 4~~ as described. Accordingly the inventive test piece comprises at least two shaped probe elements and at least one connecting element for connecting the at least two shaped probe elements, wherein each connecting element is provided with at least one fastening element at one end of the connecting element for fastening a shaped probe element, characterised in that length variations of the at least two shaped probe elements and/or of the at least one connecting element are compensated by the fastening elements in such a way that the distance between respective two sensing points under standard measuring conditions is essentially constant.--

Please replace the paragraph beginning on page 5, at line 23 with the following paragraph:

--According to an advantageous development of this test piece the connecting elements form the edges and the shaped probe elements form the corners of a tetrahedron, as shown in Fig. 3. Such a test piece geometry permits a simple positioning. Furthermore, due to the tetrahedron form all shaped probe elements are accessible with just a single sensing pin.--

Please add the following paragraph at the bottom of page 5, following the paragraph that begins on page 5 at line 34:

--Fig. 3 shows an aspect of the invention in which the connecting elements form the edges and the shaped probe elements form the corners of a tetrahedron.--